

PROJECT START DATE: PROJECT COMPLETION DATE:

PARCEL INF ORMATION

TOTAL PARCEL ID 24-04-034-200-005

TOTAL SITE AREA = 45.295 ACRES (GROSS)

REMAINDER FROM PARCEL A = 39.840 ACRES (GROSS)

PARCEL A ID NO. 24-04-034-200-005 (TO BE SPLIT FROM TOTAL PARCEL)

SITE AREA = 5.45 ACRES (GROSS)

AREA TO BE DISTURBED = ±4.18 ACRES (182,342 SF)

EROSION CONTROL MAINTENANCE NOTES

THIS PROJECT SHALL BE CONSTRUCTED IN COMPLIANCE WITH PART 91 OF ACT 451 OF 1994, AS AMENDED, THE SEDIMENTATION CONTROL ACT AND THE MACOMB COUNTY SOIL EROSION AND SEDIMENTATION CONTROL ORDINANCE.

DIMENTATION CONTROL WORK SHALL CONFORM TO THE STANDARDS AND SPECIFICATI

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OF THE MACOMB COUNTY PUBL

files will be at the greed that the large that the

SOIL EROSION

AND

DATE:

09.15.09

09.25.09

10.26.09

LOCATION MAP

ATES

60% OWNER REVIEW

BIDDING

RESUBMITTAL FOR PERMITS ADDENDUM 004 (POST BID)

TE MILE

REVISION:

EROSION AND ANY SEDIMENTATION FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT ON ANY OFF SITE AREAS OR IN WATERWAYS. WATERWAYS INCLUDE BOTH NATURAL AND MAN MADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES AND PONDS. LL EROSION AND SE ORKS OFFICE.

THE LANDOWNER OR SEDIMENTATION CONT STAGING THE WORK LANDOWNER'S REPRESENTATIVE SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF SOIL EROSION AND TROL DEVICES. WILL BE DONE BY THE LANDOWNER OR LANDOWNER'S REPRESENTATIVE AS DIRECTED IN THESE PLANS AND AS REQUIRED TO E STABILIZATION OF DISTURBED EARTH CHANGE.

THE LANDOWNER OR I THE PLANS BEFORE A CONTROL MEASURES D COUNTY PUBLIC WORK LANDOWNER'S REPRESENTATIVE SHALL IMPLEMENT AND MAINTAIN THE SOIL EROSION CONTROL MEASURES AS SHOWN ON AND AT ALL TIMES DURING CONSTRUCTION ON THIS PROJECT. ANY MODIFICATIONS OR ADDITIONS TO SOIL EROSION DUE TO CONSTRUCTION OR CHANGED CONDITIONS SHALL BE COMPLIED WITH AS REQUIRED OR DIRECTED BY THE MACOMB RKS OFFICE.

DIVISION HAS THE RIGHT TO REQUIRE ADDITIONAL SESC MEASURE.

2. INSTALL A CRUSHED CONCRETE ACCESS DRIVE PLACED ON GEOTEXTILE FABRIC AS INCL...

MINIMUM OF 20X307X8:

A NEW LAYERS OF CRUSHED CONCRETE WILL BE ADDED AS OLD LAYERS BECOME COMPACTED.

3. INSTALL SILT FENCE AS INDICATED ON THE PLAN AND AT ADDITIONAL AREAS AS NECESSARY.

A SILT FENCE SHALL BE INSTALLED PER DETAIL.

BBUILD UP OF SEDIMENT SHALL BE REVOYED WHEN SEDIMENT ACCUMULATES TO 1 1/3 TO 1 ½ OF THE HEIGHT OF THE SILT FENCE.

C.IF SILT FENCE SHALL BE REPLACED PROMPTLY.

D. SILT FENCE SHALL BE INSTALLED PER CONCRETE WIEN AND AT ADDITIONS, WITHIN 24 HOURS OF RAINFALL AND DAILY DURING A PROLONGED RAIN EVENT. REQUIRED MAINTENANCE SHALL BE REPLACED PROMPTLY.

4. INSTALL NILET FILTERS SHALL BE INSPECTED WEEKLY UNDER NORMAL CONDITIONS, WITHIN 24 HOURS OF A RAINFALL AND DAILY DURING A PROLONGED RAIN EVENT.

B. BUILDUP OF SEDIMENT AND DEBRIS SHALL BE REMOVED PROMPTLY.

5. INSTALL DRAIN GUARD ON ALL CATCH BASINS PER PROR TO THE END OF EXPECTED USABLE LIFE AND THE INLET.

A DRAIN GUARDS SHALL BE REPLACED PROMPTLY.

5. INSTALL DRAIN GUARD ON ALL CATCH BASINS PER DETAIL, SEED OR SOD THE AREA BETWEEN THE SILT FENCE AND THE INLET.

A DRAIN GUARDS SHALL BE INSPECTED WEEKLY UNDER NORMAL CONDITIONS, WITHIN 24 HOURS OF RAINFALL AND DURING A PROLONGED ROMPTLY.

5. INSTALL DRAIN GUARD ON ALL CATCH BASINS PER DETAIL, SEED OR SOD THE AREA BETWEEN THE SILT FENCE AND THE INLET.

A DRAIN GUARDS SHALL BE INSPECTED WEEKLY UNDER NORMAL CONDITIONS, WITHIN 24 HOURS OF RAINFALL AND DURING A PROLONGED STALL BE REPLACED WEEKLY UNDER NORMAL CONDITIONS, WITHIN 24 HOURS OF RAINFALL AND DURING A PROLONGED STALL BE REPLACED WEEKLY UNDER NORMAL CONDITIONS, WITHIN 24 HOURS OF RAINFALL AND DURING A PROLONGED STALL BE REPLACED WEEKLY UNDER NORMAL CONDITIONS, WITHIN 24 HOURS OF RAINFALL AND DURING A PROLONGED STALL BE REPLACED WEEKLY ON THE SELF FENCE OF THE SILT FENCE AND THE BARRIER IS STILL REQUIRED.

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RAIN EVENT.

RAIN EVENT.

RAIN DUP OF SEDIMENT SHALL BE REMOVED WHEN SEDIMENT ACCUMULATES TO 1 1/3 TO 1 ½ OF THE HEIGHT OF THE SILT FENCE
SILT FABRIC DECOMPOSES OR BECOME INEFFECTIVE PRIOR TO THE END OF EXPECTED USABLE LIFE AND THE BARRIER IS STILL REQUIRED,

THE SILT FENCE SHALL BE REPLACED PROMPTLY.

THE SILT FENCE SHALL BE REPLACED PROMPT PUBLIC WORKS OFFICE.

THE SILT FENCE SHALL BE CLEANED OND MULCHED WITHIN 5 DAYS AFTER UTILITIES HAVE BEEN INSTALLED. IF THIS IS NOT POSSIBLE, ALL SESS MEASURES MUST STAY IN PLACE AND MUST BE MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED.

TOCKPILES AREAS SHALL BE PLACED IN PROPOSED BERM AREAS.

THERE IS NO ANTICPATED DEWALTENIA ON THIS SITE.

TAY DEWALTENIA IS NEEDED, IT SHALL BE DISCHARGED THROUGH A FILTER BAG OVER A WELL-VEGETATED AREA. THE PUMP MUST WIRNO DRY DEMOTERING IS NEEDED, IT SHALL BE DISCHARGED THROUGH A FILTER BAG OVER A WELL-VEGETATED AREA. THE PUMP MUST WIRNO DRY DEMOTERING IS NEEDED, IT SHALL BE SCRAPED ON A DAILY BASIS AND SWEPT AT A MINIMUM OF ONCE PER WEEK BY THE DWINNO DRY DERIODS, ALL DISTURBED AREAS SHALL BE WATERED FOR DUST CONTROL.

THE SILT FENCE AND ONE PROVINCE IN SUBJECT ON THE FINAL EARTH CHANGE HAS BEEN COMPLETED. WHEN IT IS NOT POSSIBLE TO MAINTINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES SHALL BE RECOND CONTROL SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES SHALL BE REPLACED.

THE SILT FENCE AND DRY DESCRIPTION AND OR LANDSCAPE ALL DISTURBED AREAS NOT BUILT OR PAVED UPON.

THE SILT FENCE AND DRY SOIL EROSION DEVICES AFTER PERMANENT STABILIZATION IS ESTABILISHED.

WATERCOURSE IN FEET: 513 LF TO YATES DRAIN

EROSION CONTROL SEQUENCE

- OBTAIN MACOMB COUNTY PUBLIC WORK SOIL EROSION PERMIT.
 INSTALL MUD MATS, SILT FENCE AND INLET FILTERS AT ALL EXISTING LOCATIONS AND AS REQUIRED TO ACHIEVE ON-SITE CONTAINMENT.
 EXCAVATE AND CONSTRUCT POND AND SWALES.
 INSTALL STORM SEWER AND ALL ASSOCIATED STORM WATER IMPROVEMENTS AS PLANS. IMMEDIATELY INSTALL INLET FILTERS AT ALL CATCH BASINS.
 ROUGH GRADE THE PROJECT "WORK AREA" AS NEEDED.
 INSTALL WATER MAIN AND SANITARY SEWER AS SHOWN ON PLANS.

AS

SHOWN ON

AS SHOWN

UTILITIES (GAS, ELECTRIC, PHONE, CABLE, ETC.) AND/OR ALL

INSTALL INSTALL

- EVES. IENT BACKFILL AND SE CUMULATED SILT AND I
- SEED & MULCH ALL DISTURBED AREAS.

 ID REMOVE ALL EROSION CONTROL DEVICES.

 AS INDICATED PER PLANS & RE—SEED, FERTILIZE AND

DISTURBED AREAS

QUANTITY CHART

| ITEM > | QUANITY | - UNIT |
|----------------|---------|--------|
| SILT FENCE | (3,920) | LF |
| INLET FILTER 4 | (7) | EA |
| SEDIMENT TRAP | 3 | EA |
| MUDMAT | 1 | EA |
| DID D∧D* | | ۸5 |

* NOTE: TOT AL QUANTITY OF RIP RAP

| DESIGN: | PROJ. MNGR: | PRINCIPAL: | |
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| JC | MK | KM | |

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PLAN

SOIL EROSION

WASHINGTON
TOWNSHIP
FIRE STATION NO. 1
WASHINGTON TOWNSHIP
MACOMB COUNTY, MI

DATE:
SCALE:
SHEET: 09.22.09 1"=50' 10

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